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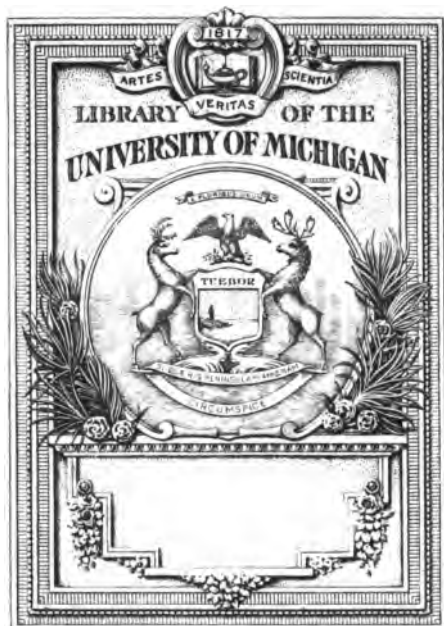
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Publications of the U.S. Coast & Geodetic Survey.



Serial No. 109

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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

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IMPORTANT PUBLICATIONS
OF THE
UNITED STATES COAST AND GEODETIC SURVEY
APPEARING SINCE JANUARY 1
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**PUBLICATIONS OF THE UNITED STATES COAST AND GEODETIC
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The publications listed below will be furnished free of cost to anyone desiring them. Simply put a cross in the square opposite any publication you would like to receive. The supply is not large, so please ask for those only which will be of real use to you or in which you have a special interest.

This Bureau endeavors to be of as much service as possible to engineers, scientists, surveyors, and others, and is glad at any time to furnish them publications dealing with its work or any data available in manuscript form only.

GEODETIC.

- ☐ Fourth general adjustment of the precise level net in the United States and the resulting standard elevations; by William Bowie and H. G. Avers. (Spec. Pub. No. 18.)

Standard elevations of all precise leveling bench marks established previous to 1912 and descriptions of all bench marks not previously published. Discussion of new methods of work and errors of leveling.

- ☐ Primary triangulation on the one hundred and fourth meridian, and on the thirty-ninth parallel in Colorado, Utah, and Nevada; by William Bowie. (Spec. Pub. No. 19.)

Geographic positions, descriptions, and elevations of the primary triangulation along the one hundred and fourth meridian from Colorado to the Canadian boundary and along the thirty-ninth parallel in Colorado, Utah, and Nevada. Results and discussion of four base lines. Discussion of methods used in the reconnaissance, observations, and computations.

- ☐ Precise leveling from Brigham, Utah, to San Francisco, Calif.; by William Bowie. (Spec. Pub. No. 22.)

Elevations and descriptions of bench marks along the Southern Pacific Railway from Brigham, Utah, to San Francisco, Calif. Discussion of field methods used and study of errors.

- ☐ Triangulation in Alabama and Mississippi; by Walter F. Reynolds. (Spec. Pub. No. 24.)

Geographic positions, descriptions, and elevations of all triangulation stations in Alabama, on the Gulf coast in Mississippi, and along the eastern oblique arc in Louisiana.

- ☐ Latitude observations with photographic zenith tube at Gaithersburg, Md.; by Frank E. Ross, Ph. D. (Spec. Pub. No. 27.)

Complete description of new photographic instrument as used at the international latitude observatory at Gaithersburg, Md., and comparison of the results obtained with it with those obtained using the visual instrument.

- ☐ Application of the theory of least squares to the adjustment of triangulation; by Oscar S. Adams. (Spec. Pub. No. 28.)

A working manual for use in the computation of triangulation, with complete sample computations of the various steps.

- ☐ Triangulation in West Virginia, Ohio, Kentucky, Indiana, Illinois, and Missouri; by A. L. Baldwin. (Spec. Pub. No. 30.)

Geographic positions, descriptions, and elevations of stations of primary triangulation along the thirty-ninth parallel in the States named in the title.

